

### ABSTRACT OF THE DISCLOSURE

An induction heating system having a fluid cooling unit, a power source, an induction heating device, a controller, and an alarm system to place the system in a safe condition when an improper operating condition is detected. The induction heating system may have a flow switch to detect fluid flow through the system. The system may operate to secure power to the induction heating device when cooling flow is inadequate. Alternatively, the system may increase fluid flow to provide adequate cooling flow. The controller may have a visual indicator of inadequate flow or an improper power source operating condition.

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